

**ABSTRACT OF THE DISCLOSURE**

A method and apparatus for patterning forming pixels into minute patterns in an electro-luminescent display device, including a molding plate having convex and concave portions attached to a roller and rotated. A polymer solution is applied to the molding plate using another roller. The polymer solution thus coated on the molding plate is printed on a substrate by rotation of the molding plate. Barrier ribs may be formed on the substrate to prevent spreading of the deposited polymer solution.